SEQUENCE LISTING

<110> Nelson, Jay
       Streblow, Daniel
       Soderberg-Naucler, Cecilia
       Smith, Patricia
       Ruchti, Fronziska

<120> Prevention of Cell Migration Initiation with CMV US28 Receptor
Antagonists

<130> 48892-1

<140> US/10/044,070
<141> 2002-01-11

<150> US 09/387,044
<151> 1999-08-31

<150> US 60/098,689
<151> 1998-08-31

<160> 28

<170> PatentIn version 3.1

<210> 1
<211> 1087
<212> DNA
<213> Human cytomegalovirus

<400> 1
aaacgtcatc tcgccgacgt ggtgaaccgc tcatatagac caaaccggac gctgcctcag   60
tctctcggtg cgtggaccag acggcgtcca tgcaccgagg cagaactgg tgctatcatg   120
acaccgacga cgacgaccgc ggaactcacg acggagtttg actacgatga agacgcgact   180
ccttgtgttt tcaccgacgt gcttaatcag tcaaagccag ttacgttgtt tctgtacggc   240
gttgtctttc tcttcggttc catcggcaac ttcttggtga tcttcaccat cacctggcga   300
cgtcggattc aatgctccgg cgatgtttac tttatcaacc tcgcggccgc cgatttgctt   360
ttcgtttgta cactacctct gtggatgcaa tacctcctag atcacaactc cctagccagc   420
gtgccgtgta cgttactcac tgcctgtttc tacgtggcta tgtttgccag tttgtgtttt   480
atcacggaga ttgcactcga tcgctactac gctattgttt acatgagata tcggcctgta   540
aaacaggcct gccttttcag tattttttgg tggatctttg ccgtgatcat cgccattcca   600
cactttatgg tggtgaccaa aaaagacaat caatgtatga ccgactacga ctacttagag   660
gtcagttacc cgatcatcct caacgtagaa ctcatgcttg gtgctttcgt gatcccgctc   720
agtgttatca gctactgcta ctaccgcatt tccagaatcg ttgcggtgtc tcagtcgcgc   780
cacaaaggtc gcattgtacg ggtacttata gcggtcgtgc ttgtctttat catctttttgg   840
ctgccgtacc acctaacgct gtttgtggac acgttaaaac tcctcaaatg gatctccagc   900
agctgcgagt cgaaagatc gctcaaacgt gcgctcatct tgaccgagtc gctcgccttt   960
tgtcactgtt gtctcaatcc gctgctgtac gtcttcgtgg caccaagtt tcggcaagaa   1020
ctacactgtc tgctggccga gtttcgccag cgactctttt cccgcgatgt atcctggtac   1080
cacagca   1087
<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> US28 receptor antisense receptor/specific antisense molecule
<400> 2
ctggctttga ctgattaagc   20

2

```
<210>  3

<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  3
catgatagca ccagttctgc                                              20
<210>  4
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  4
ccggagcatt gaatccgacg                                              20
<210>  5
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>

<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  5
gctggctagg gagttgtgat                                              20
<210>  6
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  6
ctggctttga ctgattaagc                                              20
<210>  7
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  7
aaacaatagc gtagtagcga                                              20
<210>  8
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  US28 receptor antisense receptor/specific antisense molecule
<400>  8
ttggtcacca ccataaactg                                              20
<210>  9
<211>  18
<212>  DNA
<213>  Artificial Sequence

<220>

<223>  US27 receptor antisense receptor/specific antisense molecule
```

```
<400>  9
atttgtagag gtggtcat                                              18
<210>  10
<211>  18

<212>  DNA
<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  10
gctcacctgc gttaaggt                                              18
<210>  11
<211>  18
<212>  DNA
<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  11
gtgctgttta aggtgtgg                                              18
<210>  12

<211>  18
<212>  DNA
<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  12
agtgtactcg aacaactg                                              18
<210>  13
<211>  18
<212>  DNA
<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  13
caaccatacc ccgttggc                                              18
<210>  14
<211>  18
<212>  DNA
<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  14
ttcacgcagc aacaggcg                                              18
<210>  15

<211>  18
<212>  DNA

<213>  Artificial Sequence


<220>
<223>  US27 receptor antisense receptor/specific antisense molecule
<400>  15
cctggtaagg tatatcct                                              18
<210>  16
<211>  18
<212>  DNA
<213>  Artificial Sequence
```

<220>

<223> US27 receptor antisense receptor/specific antisense molecule
<400> 16
gtagctcaat atcaatgt   18
<210> 17
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> US27 receptor antisense receptor/specific antisense molecule
<400> 17
gcccttcttt gtatgtcc   18
<210> 18
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> US27 receptor antisense receptor/specific antisense molecule
<400> 18
atgggtacgt ttggtgtg   18
<210> 19
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> US28 receptor antisense receptor/specific antisense molecule
<400> 19
cgtcgtcgtc ggtgtcat   18
<210> 20
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> US28 receptor antisense receptor/specific antisense molecule
<400> 20
cgtcgtgagt tccgcggt   18
<210> 21
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> US28 receptor antisense receptor/specific antisense molecule
<400> 21
caaggagtcg cgtcttcatc g   21
<210> 22
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> US28 receptor antisense receptor/specific antisense molecule
<400> 22
tgattaagca cgtcggtg   18
<210> 23

```
<211>   18
<212>   DNA
<213>   Artificial Sequence


<220>

<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   23
gaagagaaag acaacgcc                                                         18
<210>   24
<211>   18
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   24
gctgtggtac caggatac                                                         18
<210>   25
<211>   18
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   25
ctccgacgcg aaaagctc                                                         18
<210>   26
<211>   18
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   26
gtctctcttc ggctcggc                                                         18
<210>   27
<211>   18
<212>   DNA
<213>   Artificial Sequence


<220>
<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   27
cggacagcgt gtcggaag                                                         18
<210>   28
<211>   18

<212>   DNA
<213>   Artificial Sequence

<220>
<223>   US28 receptor antisense receptor/specific antisense molecule
<400>   28
gagacgcgac acgcctcg                                                         18
```